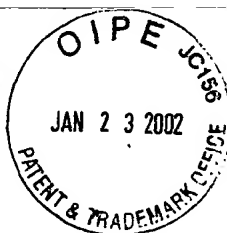


Attorney Docket No.: 122144-1001



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: David G. Gorenstein, Bruce A. Luxon, Norbert Herzog and  
Judy Aronson  
Serial Number: 09/425,804  
Filing Date: October 25, 1999  
Group Art Unit: 1627  
Examiner: Bhatti, Tahira H.  
Title: THIO-MODIFIED APTAMER SYNTHETIC METHODS AND  
COMPOSITIONS

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I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope, with sufficient postage, addressed to: Commissioner for Patents, Washington, D.C. 20231, on January 4, 2002.

*Paula Albelda Nudelman*  
Signature

Paula Albelda Nudelman  
Typed or printed name of person signing certificate

BOX: SEQUENCE  
Commissioner for Patents  
Washington D.C. 20231

**RESPONSE UNDER 37 C.F.R. 1.821-1.825**

Dear Sir:

Applicants hereby respectfully submit this Response to the Examiner's Office Action, dated December 6, 2001, due for reply by January 6, 2002. Applicants respectfully request consideration and entry of the following Substitute Sequence Listing. Attached, please find a hard copy of a Substitute Sequence Listing along with a substitute diskette containing a copy in computer readable form in ASCII-DOS format in accordance with the requirements of 37 C.F.R. 1.824.

**RESPONSE**

*and*  
Kindly accept and insert in the Specification, a paper copy of the Substitute Sequence Listing as required under 37 C.F.R. 1.821(c) and a diskette containing the Substitute Sequence Listing in computer

readable form in ASCII-DOS format in accordance with the requirements of 37 C.F.R. 1.821(e) and C.F.R. 1.824.

**REMARKS**

Applicants have submitted a Substitute Sequence Listing in light of the "Raw Sequence Listing Error Report," received on December 6, 2001. The prior sequence submission was found to be in error. The present corrected Substitute Sequence Listing reflects the sequences set out in the Specification as originally filed and incorporates no new matter. The Applicants submit that the Substitute Sequence Listing is fully in compliance with the requirements of the sequence rules (37 C.F.R. 1.821-1.825) and in response to the Notice to Comply with Sequence Rules, dated October 1, 2001, and the Sequence Rules: Bonafide Attempt Letter, dated December 6, 2001. The Applicants respectfully request entry of the Substitute Sequence Listing.

A diskette with a Substitute Sequence Listing in ASCII-DOS format is attached and consideration of the Application is requested. The content of this Substitute Sequence Listing and the computer readable copy are the same as required by 37 CFR 1.821(b). No new matter is incorporated in the Specification by this Response.

For the foregoing reasons, the Substitute Sequence Listing is submitted to be in order and complies with the Sequence Rules C.F.R. 1.821-1.825.

Dated: January 4, 2002.

Respectfully submitted,

GARDERE WYNNE SEWELL LLP



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Registration No. 38,453

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